



# Indiana State Department of Health

## WEEKLY INFLUENZA REPORT

*Data as of Thursday, January 2, 2014*

The following report is meant to provide local health departments, hospital administrators, health professionals and residents with a general understanding of the burden of influenza-like illness (ILI). Data from several surveillance programs were utilized to produce this report and all information is provisional. ***Data may change as information is received, reviewed and verified. The purpose of this report is to report in a timely manner what is occurring or has recently occurred.*** For further information about the data presented in this report, please call the ISDH Surveillance and Investigation Division at 317-233-7125.

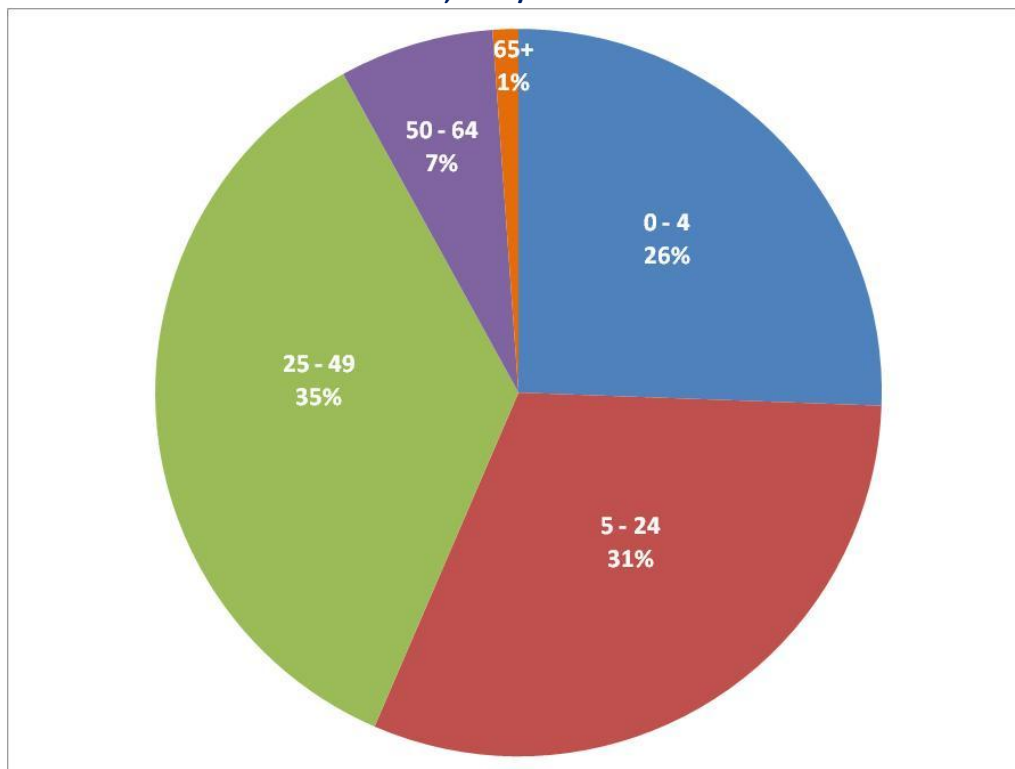
Data Summary for Week Ending December 28, 2013 (Week 52)	
Percent of ILI reported by emergency department surveillance system	3.06%
Percent of ILI reported by sentinel surveillance system	6.12%
Number of specimens submitted for influenza testing at ISDH Laboratory	44
Percent of positive influenza specimens tested at ISDH Laboratory	52%
Number of influenza-associated deaths reported for this reporting week	1
Number of influenza-associated deaths reported for 2013/2014 season	1
Number of Indiana schools (K-12) with absenteeism rate 20% or higher	0
Compliance of specimen submission for this reporting week	44/50 (88%)
Compliance of ILI reporting for this reporting week	29/44 (66%)

### Sentinel reported influenza-like illness by sentinel type and reporting week with number of reporting sites – Indiana, 2013/2014 season\*

Reporting Week	All Reporters %ILI	Universities %ILI	Non-Universities %ILI
Week 52	6.12% (29)	0.0% (10)	5.70% (19)
Week 51	3.42% (30)	1.32% (9)	3.31% (21)
Week 50	1.72% (35)	1.41% (10)	1.83% (25)

***\*Data obtained from the ISDH Sentinel Influenza Surveillance System. This data is subject to change as sentinel sites can back-date their weekly reports.***

**Sentinel reported influenza-like illness (ILI) by Age Category for the most current week reported – Indiana, 2013/2014 season**



\*Data obtained from the ISDH Sentinel Influenza Surveillance System.

\* This data is subject to change as sentinel sites can back-date their weekly reports.

**Number of 2013/2014 reported deaths associated with laboratory confirmed influenza, by age category – Indiana**

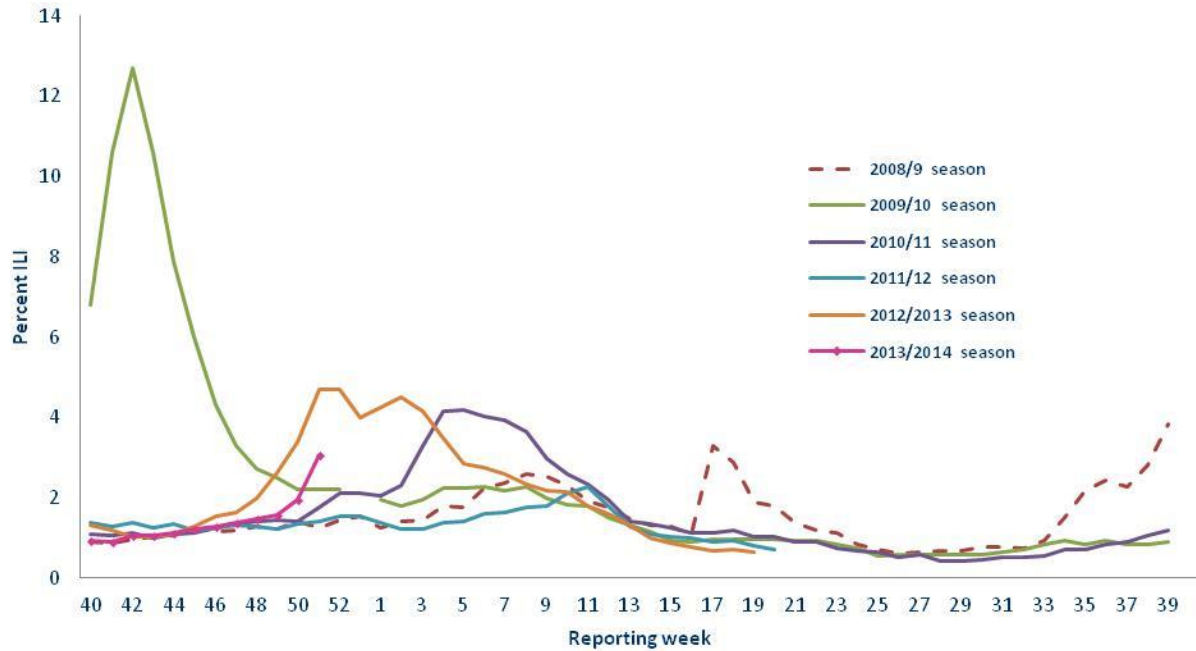
	Age category (yrs)	Total number this week	Season Total
Number of deaths associated with influenza	0-4	0	0
	5-18	0	0
	19-24	0	0
	25-49	0	0
	50-64	1	1
	65+	0	0
	Unknown	0	0
	<b>Total</b>	<b>1</b>	<b>1</b>

*This data is subject to change as information is updated, revised or corrected.*

**Sentinel and ED influenza-like illness percentages by reporting week – Indiana, 2013/14 season**

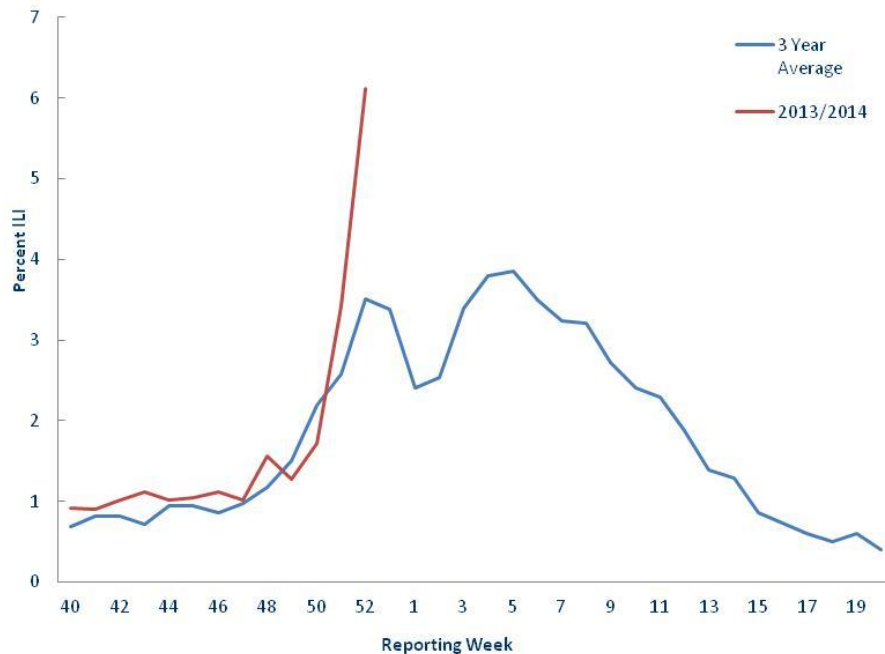
Reporting Week	ED Surveillance %ILI	Sentinel Surveillance %ILI
Week 52	3.06%	6.12%
Week 51	1.96%	3.42%
Week 50	1.58%	1.72%

**Percent of patients who presented at an emergency department (ED) with a chief complaint relating to influenza-like illness – Indiana, 13/14, 12/13, 11/12, 10/09, 09/10, 08/09 seasons\***  
**(ED's currently reporting = 113)**



*\*Data obtained from the ISDH Public Health Emergency Surveillance System (PHESS).*

**Percent of patients who presented at sentinel provider clinics with symptoms relating to influenza-like illness – Indiana, and a three year baseline average\*†**  
**Number of sentinel provider clinics who reported this week = 29**



*\*Data obtained from the ISDH Sentinel Influenza Surveillance System.*

<sup>†</sup> Sentinel data has limited timeliness, so the data reported is for the week before the most current week. This data is subject to change as sentinel sites can back-date their weekly reports.

**ISDH Laboratory data regarding circulating influenza viruses – Indiana, 2013/14 influenza season.\***

PCR Result	This week's total		2013 total	
	Number	Percent of specimens received	Number	Percent of specimens received
2009 A/H1N1pdm virus	23	52.3%	73	29.5%
Influenza A/H3 seasonal virus	0	0%	0	0%
Influenza A/H1 seasonal virus	0	0%	0	0%
Influenza B seasonal virus	0	0%	0	0%
Influenza negative	12	27.3%	157	63.6%
Inconclusive	0	0%	1	<1%
Unsatisfactory specimen <sup>†</sup>	9	20.4%	16	6.5%
Influenza Co-infection <sup>Δ</sup>	0	0%	0	0%
<b>Total</b>	<b>44</b>	<b>100%</b>	<b>247</b>	<b>100%</b>

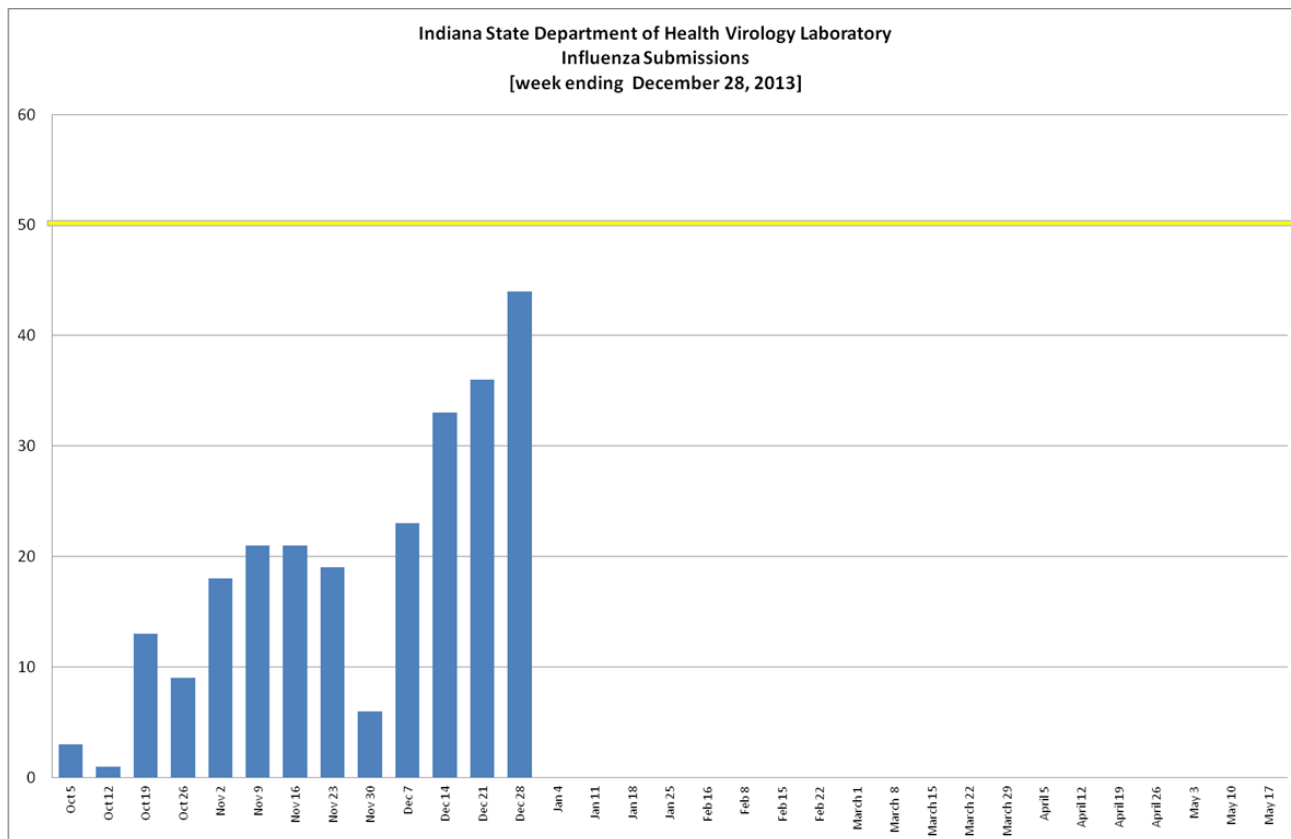
<sup>Δ</sup> All previous-year co-infections have been influenza A/H3 and influenza B.

\*Data obtained from the ISDH Laboratory via specimens submitted from the ISDH Sentinel Influenza Surveillance System and IN Sentinel Laboratories.

<sup>†</sup>Unsatisfactory specimens include specimens that leaked in transit, were too long in transit, or were inappropriately labeled

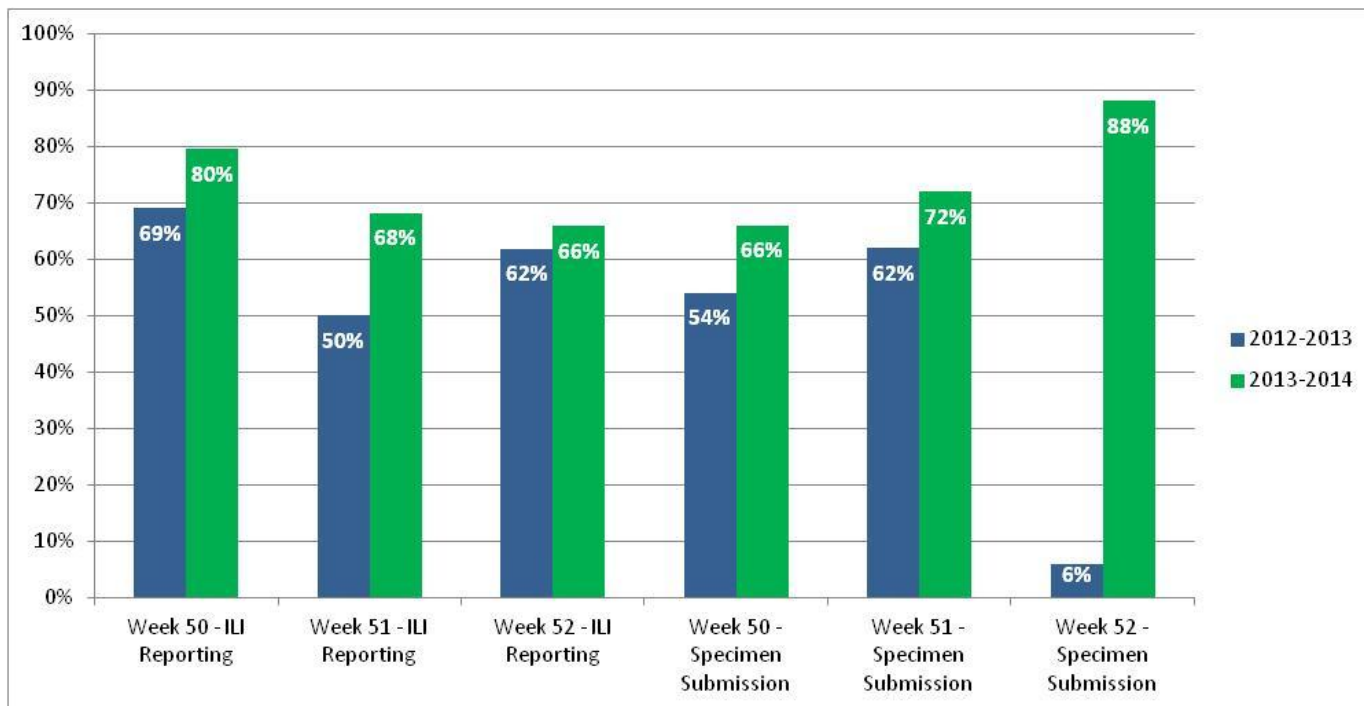
**OTHER CIRCULATING VIRUSES RECENTLY IDENTIFIED BY THE ISDH LABORATORY:**

Other Respiratory Viruses	This Week	2014 Total (Since Oct. 1, 2013)	Early Surveillance (Sept 1-30, 2013)
Adenovirus	0	0	1
Coxsackie A Virus	0	0	0
Coxsackie B Virus	0	0	0
Echovirus	0	0	0
Enterovirus NOS	0	0	0
Parainfluenza 1 Virus	0	8	0
Parainfluenza 2 Virus	0	0	0
Parainfluenza 3 Virus	0	0	0
Rhinovirus	0	3	0
Human Metapneumovirus	0	0	0
Respiratory Syncytial Virus	0	2	0
<b>Total</b>	<b>0</b>	<b>13</b>	<b>1</b>



*\*Data obtained from the ISDH Laboratory via specimens submitted from the ISDH Sentinel Influenza Surveillance System.*

**Compliance of Sentinel Sites by Reporting Week – Indiana, 2013/2014 and 2012/2013 influenza seasons.\***



*\*Data obtained from the ISDH Sentinel Influenza Surveillance System. This data is subject to change as sentinel sites can back-date their weekly reports.*

**Number of schools (K-12) reporting a 20% or more absenteeism rate –  
Indiana, 2013/2014 school year**

<b>Health District†</b>	<b>Current Week</b>	<b>Total</b>
<b>1</b>	0	0
<b>2</b>	0	0
<b>3</b>	0	0
<b>4</b>	0	0
<b>5</b>	0	0
<b>6</b>	0	0
<b>7</b>	0	0
<b>8</b>	0	0
<b>9</b>	0	0
<b>10</b>	0	0
<b>Total</b>	<b>0</b>	<b>0</b>